

**COPY OF PAPERS
ORIGINALLY FILED**



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/818,700
		Filing Date	27 March 2001
		First Named Inventor	William F. Avrin
		Group Art Unit	3737
		Examiner Name	UNKNOWN
Sheet	of	Attorney Docket Number	1502-088CON (LAM)

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
<i>EL</i>		US- 5,722,411	03-03-1998	Suzuki et al.	XXXX
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

RECEIVED

NOV 20 2002

TECHNOLOGY CENTER R3700

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	<i>EL</i>	PCT WO 94/04946	03-03-1994	Eilenberg et al.	XXXX	
	<i>EL</i>	PCT WO 00/57200	09-28-2000	Farrell et al.	XXXX	

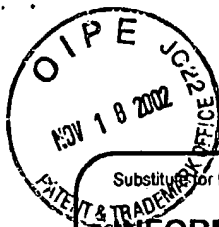
Examiner Signature	<i>ELLEN MARIE WOLFE</i>	Date Considered	<i>5/18/04</i>
-----------------------	--------------------------	--------------------	----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/08B(10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/818,700
		Filing Date	27 March 2001
		First Named Inventor	William F. Avrin
		Group Art Unit	3737
		Examiner Name	UNKNOWN
Sheet	of	Attorney Docket Number	1502-088CON (LAM)

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
EB		G.M. BRITTENHAM ET AL., Noninvasive Methods for Quantitative Assessment of Transfusional Iron Overload in Sickle Cell Disease, Seminars In Hematology, Volume 38, No. 1, Supp. 1, pp. 37-56 (January 2001)	
EB		C.M. BASTUSCHECK ET AL., Abstract: Detection of Iron Stores in the Human Body Using Magnetic Susceptibility, J. Appl. Phys. 52(3), one page, (March 1987)	

RECEIVED
NOV 20 2002
TECHNOLOGY CENTER R3700

Examiner Signature	EVAN MONTY McLEOD	Date Considered	5/28/02
-----------------------	-------------------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Form PTO-1449

JUN 08 2001

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

(Use Several Sheets If Necessary)

Docket No.: 1502-088CON

Application No. : 09/818,700

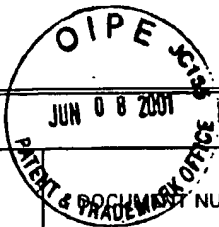
Applicant: William F. Avrin et al.

Filing Date: 27 March 2001

Group Art Unit: 3737

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>W</i>	4,431,005	02/84	McCormick	128	656	
	4,709,213	11/87	Padhrasky	324	329	
	5,057,095	10/91	Fabian	604	362	
	5,099,845	03/92	Besz et al.	128	653	
	5,105,829	04/92	Fabian et al.	128	899	
	5,107,862	04/92	Fabian et al.	128	899	
	5,188,126	02/93	Fabian et al.	128	899	
	5,190,059	03/93	Fabian et al.	128	899	
	5,353,807	10/94	DeMarco	128	772	
	5,425,382	06/95	Golden et al.	128	899	
	5,456,718	10/95	Szymaitis	623	11	
	5,494,033	02/96	Buchanan et al.	128	653	
	5,558,091	09/96	Acker et al.	128	653	
	4,801,882	01/89	Daalmans	324	248	
	4,827,217	05/89	Paulson	324	248	
	4,969,469	08/93	Mills	128	653	
	5,233,992	08/93	Holt et al.	128	653.2	
	5,268,165	12/93	Hedlund et al.	424	9	
	5,305,751	04/94	Chopp et al.	128	654	
	5,322,682	06/94	Bartzokis et al.	424	9	
	5,384,109	01/95	Klaveness et al.	424	9	
	5,408,178	04/95	Wikswa et al.	324	201	
	5,735,279	04/98	Klaveness et al.	128	654	
	5,686,836	12/98	Sasada et al.	324	244	
<i>W</i>	5,842,986	12/98	Avrin et al.	600	407	



FOREIGN PATENT DOCUMENTS						
PATENT & TRADEMARK OFFICE NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
46		Farrell et al., "Magnetic Measurement of Human Iron Stores," IEEE Trans. On Magnetics, Vol. Mag. 16, No.5, pp.818-823 (Sept. 1990)				
		C.M. Bastuscheck, "Technique for Measuring the AC Susceptibility of Portions of the Human Body or Other Large Objects," J. Appl. Phys. 58 (10), pp. 3896-3906 (1985).				
		F.M. Bryden, "Real Time Ultrasound in the Assessment of Intraocular Foreign Bodies," Eye 4, pp. 727-731 (1990).				
		E. Costa Monteiro, "Magnetic Measurement Techniques for Locating Foreign Bodies in Humans," Tenth International Conference on Biomagnetism, p. 314 (1996).				
		E.J. Finn, "Ferromagnetic Materials in Patients: Detection Before MR Imaging," Radiology 156, pp. 139-141 (1985).				
		R.E. Greenblatt, "Probabilistic Reconstruction of Multiple Sources in the Bioelectromagnetic Inverse Problem," Inverse Problems 9, pp. 271-284 (1992).				
		E. Kanal, "Aneurysm Clip Testing for Ferromagnetic Properties: Clip Variability Issues," Radiology, pp. 576-578, (1995).				
		Mentor Corporation, "The Detector, Injection Port Detection System," Brochure, 6 pp., (1996).				
		D.N. Paulson, "Biomagnetic Susceptometer with SQUID Instrumentation," IEEE Transactions on Magnetics, Vol. 27, No. 2, pp. 3249-3252 (1990).				
		D.N. Paulson, "The Hamburg Biosusceptometer for Liver Iron Quantification," Advances in Biomagnetism, pp. 497-500, (Date Unknown).				
		K. Sekihara, "Reduction of Brain Noise Influence in Evoked Neuromagnetic Source Localization Using Noise Spatial Correlation," Phys. Med. Biol. 39, pp. 937-946, (1993).				
		N. Sepulveda, "Magnetic Susceptibility Tomography for Three-Dimensional Imaging of Diamagnetic and Paramagnetic Objects," IEEE Transactions on Magnetics, Vol. 30, No. 6, pp. 6062-5069, (1993).				
		F.G. Shellock, "Magnetic Resonance," Bioeffects, Safety and Patient Management, pp. 115-126, (1996).				
		N. Smith, "A High-Sensitivity Magnetoresistive Magnetometer," J. Appl. Phys. 69 (8), pp. 5082-5084 (1991).				
165		B. Scholz, "Probability-Based Current Dipole Localization from Biomagnetic Fields," IEEE Transactions on Biomedical Engineering, Vol. 41, No. 8, pp. 735-742 (1993).				
		W.M. Wynn, "Advanced Superconducting Gradiometer/Magnetometer Arrays and a Novel Signal Processing Technique," IEEE Transactions on Magnetics, Vol. MAG-11, No. 2, pp. 701-707, (1974).				
EXAMINER BEN MANN NIGLAD		DATE CONSIDERED 5/28/94				
EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant. (2/92 PTO)						